



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/695,035	10/28/2003	Arkady Ten	01233US (EKC 89966)	5668

1333 7590 09/21/2005

BETH READ
PATENT LEGAL STAFF
EASTMAN KODAK COMPANY
343 STATE STREET
ROCHESTER, NY 14650-2201

EXAMINER

RAHMJOO, MANUCHER

ART UNIT	PAPER NUMBER
----------	--------------

2676

DATE MAILED: 09/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/695,035

Applicant(s)

TEN, ARKADY

Examiner

Mike Rahmjoo

Art Unit

2676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 September 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) 10-17 is/are withdrawn from consideration.
- 5) ☐ Claim(s) 1-9 and 25-28 is/are allowed.
- 6) ☒ Claim(s) 18-20 and 22-24 is/are rejected.
- 7) ☒ Claim(s) 21 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 18 – 20 and 22- 24 are rejected under 35 U.S.C. 102(b) as being anticipated by Evanicky et al (US Patent 6611249), hereinafter, Evanicky.

As per claim 18 and as to the broadest reasonable interpretation by examiner, Evanicky teaches determining a single-channel emission spectrum for each of a plurality of color channels of a display based on a measured emission spectrum (see for example fig. 1 block 18 as a serial port connected to a color sensing device , e.g., colorimeter 800a in fig. 9 connected to host computer 10) and a light leakage spectrum for the respective color channel see for example column 9 lines 60- 67 wherein color temperature of display screen is maintained and adjusted (light leakage compensation) using the two pairs of independently controlled light sources 132 (red) and 136 (blue) and fig. 15 block 940 wherein Colorimeter 800a is used to measure the optical characteristics, such as luminance level and color coordinates of each RGB colors displayed on the LCD screen.

As per claim 19 Evanicky teaches calculating the light leakage spectrum based on a measured emission spectrum for the display at a minimum level and

assumed emission spectra for light sources within the display see for example column 9 lines 60- 67 wherein white balance (color intensity) is adjusted by altering the brightness of the pairs of light sources 132 and 136 independently.

As per claim 20 and as to the broadest reasonable interpretation by examiner, Evanicky teaches assuming the emission spectrum for the light source (varying the brightness of the two pairs of the light sources independently) using a color channel reconstruction method see for example column 8 lines 1- 15.

As per claim 22 Evanicky teaches the respective color channel at a maximum level and the other channels at minimum levels see for example column 7 lines 65- 67 through column 8 lines 1- 15.

As per claim 23 Evanicky teaches the plurality of color channels comprises a red channel, a green channel, and a blue channel see for example fig. 15 block 940 and fig. 10.

As per claim 24 and as to the broadest reasonable interpretation by examiner, Evanicky teaches a liquid crystal display (LCD) see for example fig. 9.

Allowable Subject Matter

Claims 1- 9 and 25- 28 are allowed.

Claim 21 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

Applicant's arguments with respect to claims 18- 20 and 22- 24 have been considered but are moot in view of the new ground(s) of rejection.

Inquiry

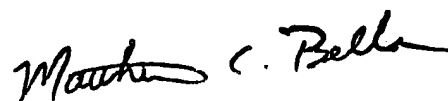
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mike Rahmjoo whose telephone number is (571) 272-7789. The examiner can normally be reached on 6:30- 3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Bella can be reached on (571) 272- 7778. The fax phone number for the organization where this application or proceeding is assigned is (703) 872- 9306 for regular communications and After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-4357.

Mike Rahmjoo

September 16, 2005



MATTHEW C. BELLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600